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# Leica HI Plan 40x Objective

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Leica Achromatic HI Plan Objectives

Stock **#29-540** **5 In Stock**

⊖ 1 ⊕ C\$721<sup>00</sup>

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## Product Downloads

### General

**Compatible Tube Lens Focal Length (mm):**  
Focal Length: 200mm

**Style:**  
Infinity Corrected

**Manufacturer:**  
Leica

### Physical & Mechanical Properties

**Length (mm):**  
49.60

27 **Maximum Diameter (mm):**

10.0 **Exit Pupil Diameter (mm):**

## Optical Properties

0.17 **Compatible Cover Glass Thickness (mm):**

5.00 **Focal Length FL (mm):**

40X **Magnification:**

0.65 **Numerical Aperture NA:**

0.42 **Resolving Power ( $\mu\text{m}$ ):**

0.49 **Depth of Field ( $\mu\text{m}$ ):**

0.36 **Working Distance (mm):**

20 **Field Number (mm):**

45.0 **Parfocal Length (mm):**

Dry **Immersion Liquid:**

## Threading & Mounting

M25 x 0.75 **Mounting Threads:**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

## Product Details

- Good Color Correction and Flatness of Field
- 4X to 100X Magnifications Available
- Oil Immersion Option Available
- M25 x 0.75 Threading
- **NPlan** Versions with Improved Achromatic Correction and Field Flatness Available

Leica Achromatic HI Plan Objectives are designed to provide quality chromatic correction properties and sharp image edges while maintaining an economical price point. Available in 4X, 10X, 20X, 40X, 63X, and 100X magnifications these M25 x 0.75 threaded objectives are available with field numbers up to 20mm. These objectives offer an oil immersion option with the 100x magnification version. Leica Achromatic HI Plan Objectives feature good chromatic correction at red and blue wavelengths and maintain flatness over the whole field of view. These objectives are ideal for life science and materials research, industrial quality control and failure analysis, and medical and surgical imaging applications.